

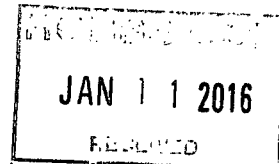
DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 293-6161 Fax: (575) 393-0720

DISTRICT II
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DISTRICT III
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DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505



Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 43014	Pool Code 51683	Pool Name Red Tank; Bone Spring
Property Code 38946	Property Name AIRBONITA 12 FEDERAL COM	Well Number 9H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3623.8

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	12	22-S	32-E		190	SOUTH	390	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	12	22-S	32-E		330	NORTH	380	EAST	LEA

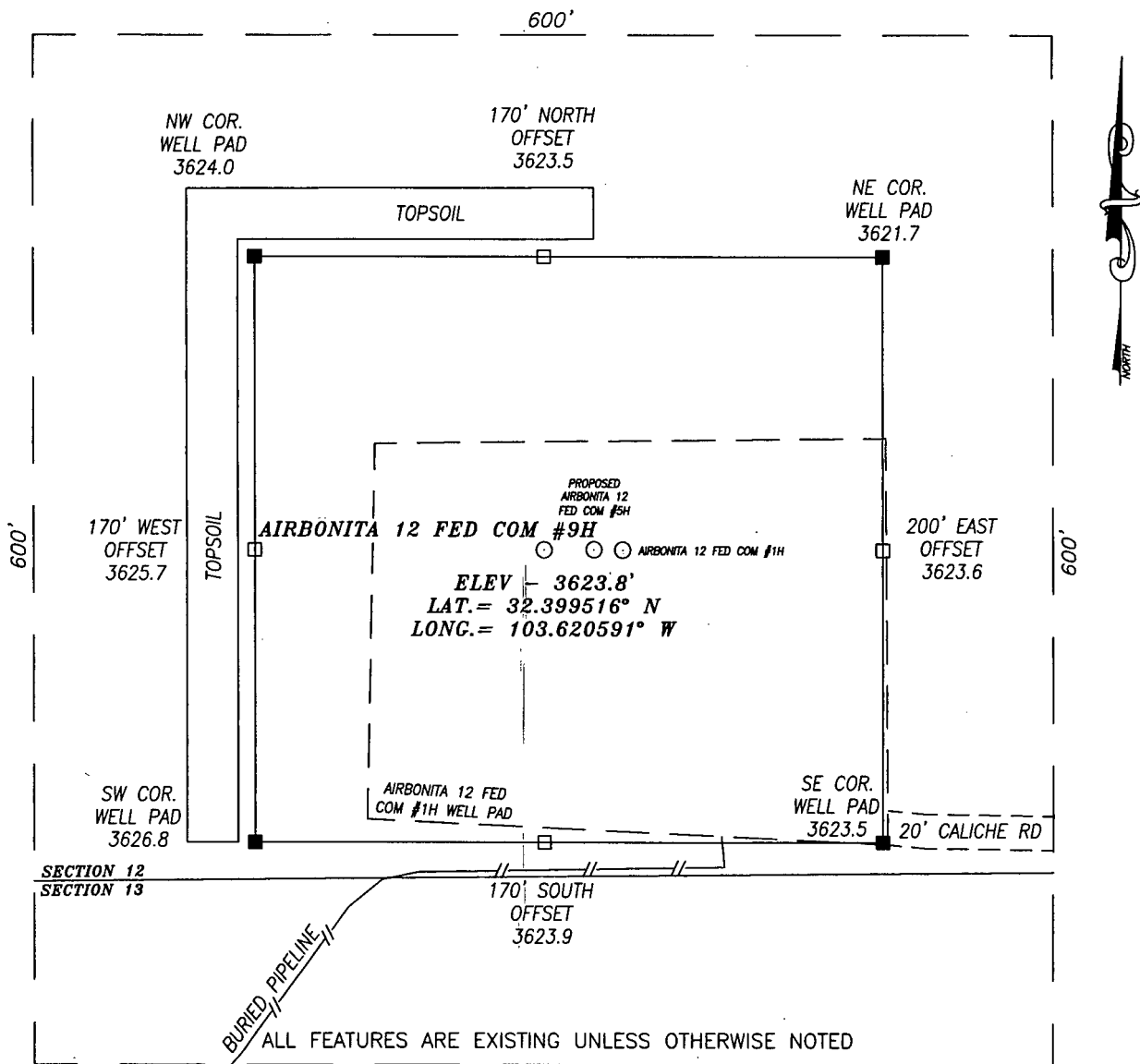
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

Y=514870.4 N X=719017.9 E NMNM064606 Y=514885.1 N X=720339.3 E NAD 27 PROPOSED BOTTOM HOLE LOCATION Y=514550.9 N X=719961.6 E LAT.=32.412598° N LONG.=103.620565° W NAD 27 SURFACE LOCATION Y=509791.7 N X=719985.3 E LAT.=32.399516° N LONG.=103.620591° W NMNM085937 Y=509605.5 N X=720376.5 E Y=509592.8 N X=719056.8 E GRID AZ - 359°42'53" HORZ. DIST. - 4759.3' 330' B.H.O. 380' 390' S.L.O. 190'	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Melanie J Wilson</i> 5/6/15 Signature Date Melanie J Wilson Printed Name mwilson@concho.com E-mail Address SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JULY 3, 2014 Date of Survey Signature & Seal of Professional Surveyor <i>Chad L. Harcrow</i> 7/22/14 Certificate No. CHAD HARCROW 17777 W.O. # 14-548 DRAWN BY: AM
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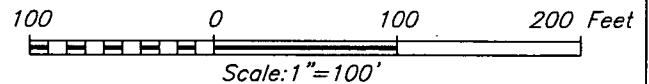
JAN 12 2016

SECTION 12, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

HEADING EAST ON HWY 176 TURN RIGHT (SOUTH) APPROX. 0.4 MILE PAST MILE MARKER 6 ONTO A CALICHE LEASE ROAD AND GO APPROX. 0.6 MILE; THEN TURN RIGHT (SOUTHWEST) AND GO APPROX. 1.6 MILE; THEN TURN LEFT (SOUTHEAST) AND FOLLOW MEANDERING ROAD FOR APPROX. 0.8 MILE; THEN TURN LEFT (SOUTHEAST) AND STAY ON MEANDERING ROAD FOR APPROX. 1.3 MILE; THEN TURN RIGHT (SOUTH) AND GO APPROX. 6.6 MILES; THEN TURN RIGHT (WEST) AND GO APPROX. 160 FEET TO EXISTING AIRBONITA 12 FED COM #1H WELL PAD; THEN PROPOSED WELL IS APPROX. 265 FEET NORTHWEST.



HARCROW SURVEYING, LLC
2314 W. MAIN ST, ARTESIA, N.M. 88210
PH: (575) 746-2158 FAX: (575) 746-2158
c.harcrow@harcrowsurveying.com



COG OPERATING, LLC

AIRBONITA 12 FED COM #9H WELL
LOCATED 190 FEET FROM THE SOUTH LINE
AND 390 FEET FROM THE EAST LINE OF SECTION 12,
TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

SURVEY DATE: 7/3/2014

PAGE: 1 OF 1

DRAFTING DATE: 7/8/2014

APPROVED BY: CH

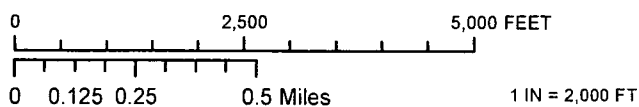
DRAWN BY: AM

FILE: 14-548

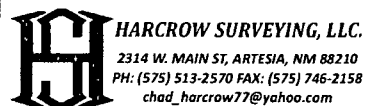
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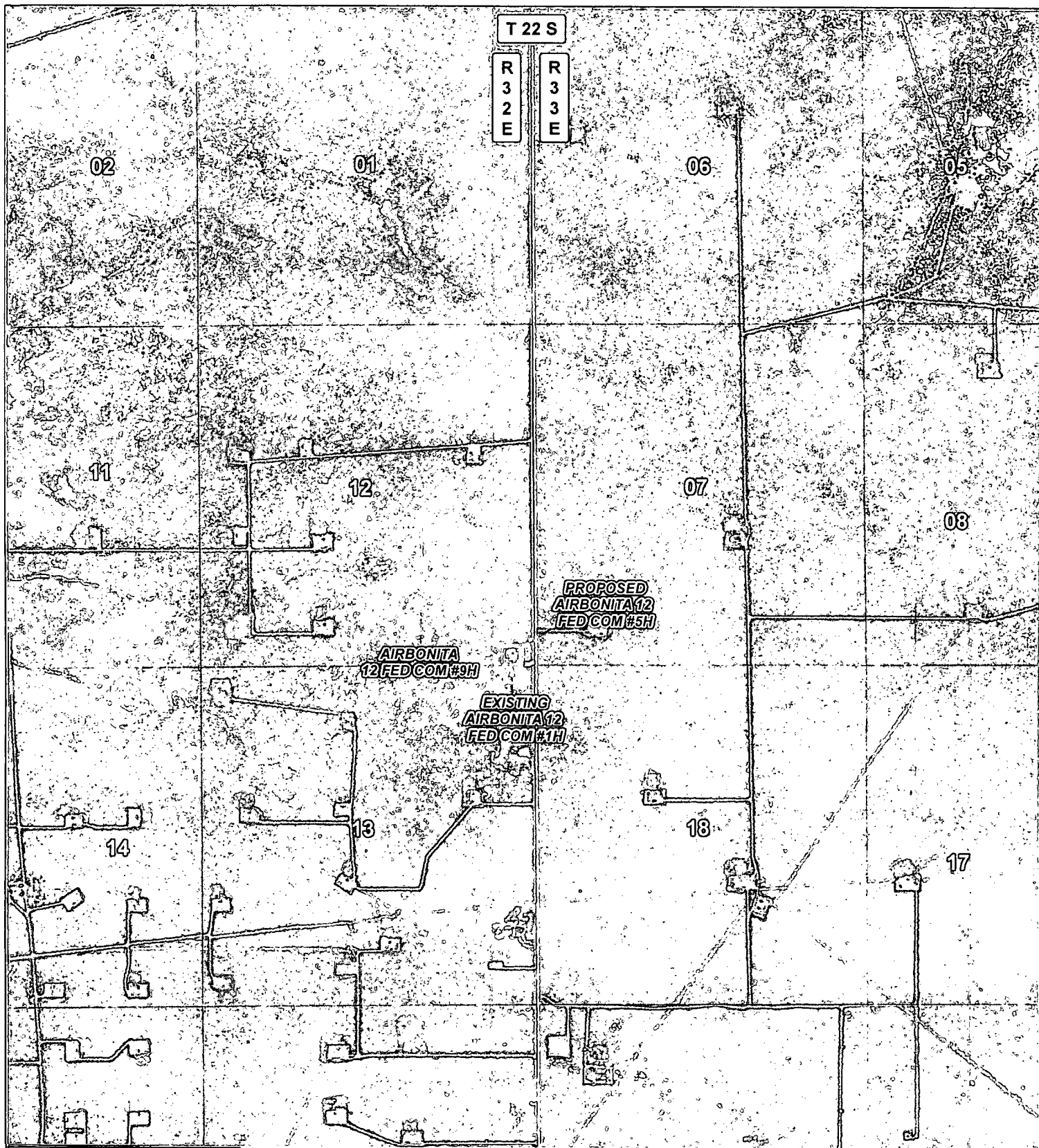
 WELL
 WELLPAD
 EXISTING ROAD

SEC: 12	TWP: 22 S.	RGE: 32 E.	ELEVATION: 3623.8'
STATE: NEW MEXICO	COUNTY: LEA	190' FSL & 390' FEL	
W.O. # 14-548 LEASE: AIRBONITA 12 FED COM SURVEY: N.M.P.M			



LOCATION MAP TOPO 07/10/2014 43 SP





LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

AIRBONITA 12 FED COM #9H

SEC: 12 TWP: 22 S. RGE: 32 E. ELEVATION: 3623.8'

STATE: NEW MEXICO COUNTY: LEA 190' FSL & 390' FEL

W.O. # 14-548 LEASE: AIRBONITA 12 FED COM SURVEY: N.M.P.M

0 2,500 5,000 FEET

0 0.125 0.25 0.5 Miles

1 IN = 2,000 FT

LOCATION MAP IMAGE BY 07/10/2011

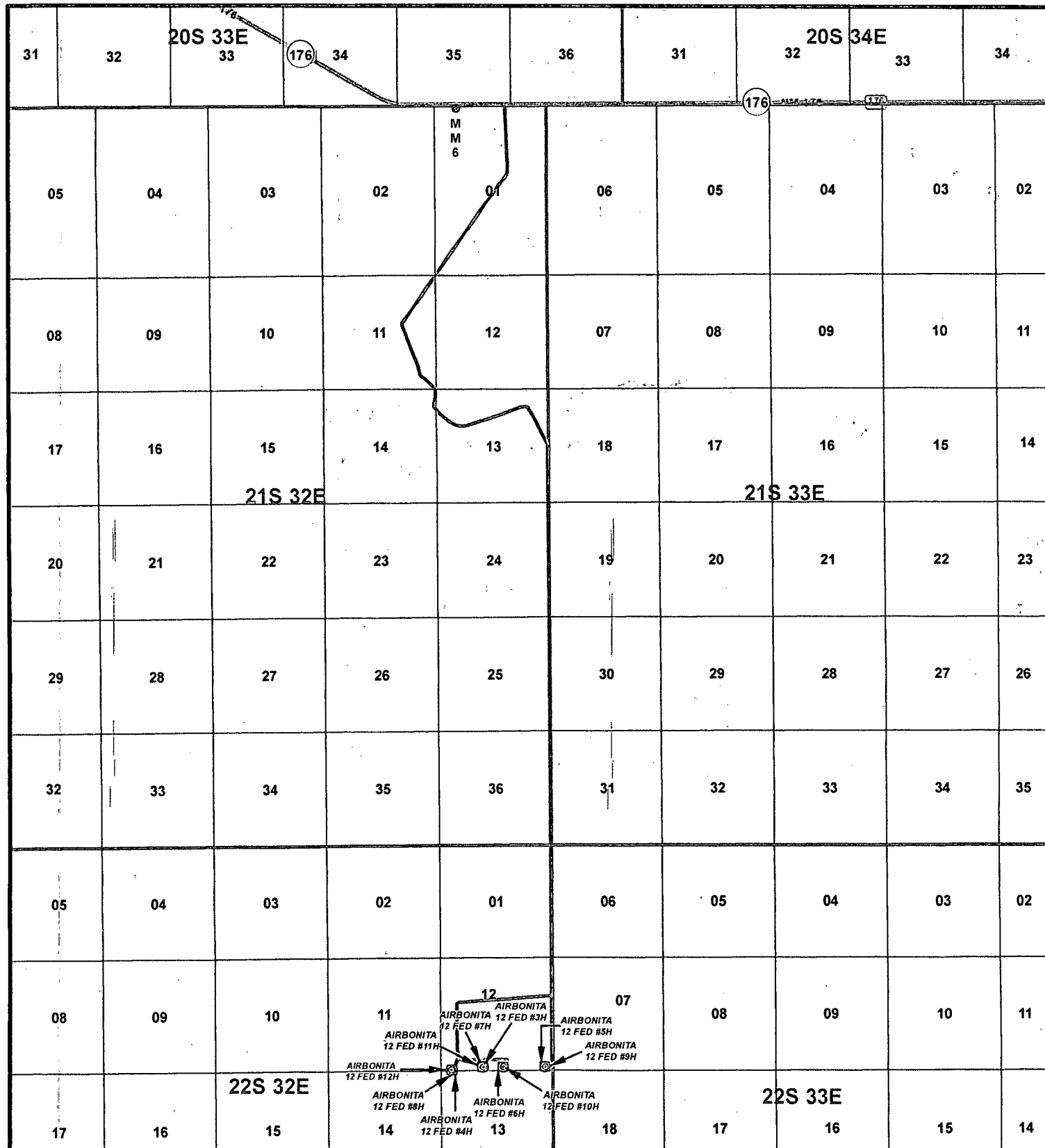


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LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

AIRBONITA WELL GROUP: ROAD MAP

SECTION: 12 TOWNSHIP: 22 S. RANGE: 32 E.

STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M

W.O. # 14-541 THRU. 14-550 LEASE: AIRBONITA 12 FED

0 2,500 5,000 7,500 10,000 12,500 15,000 FEET

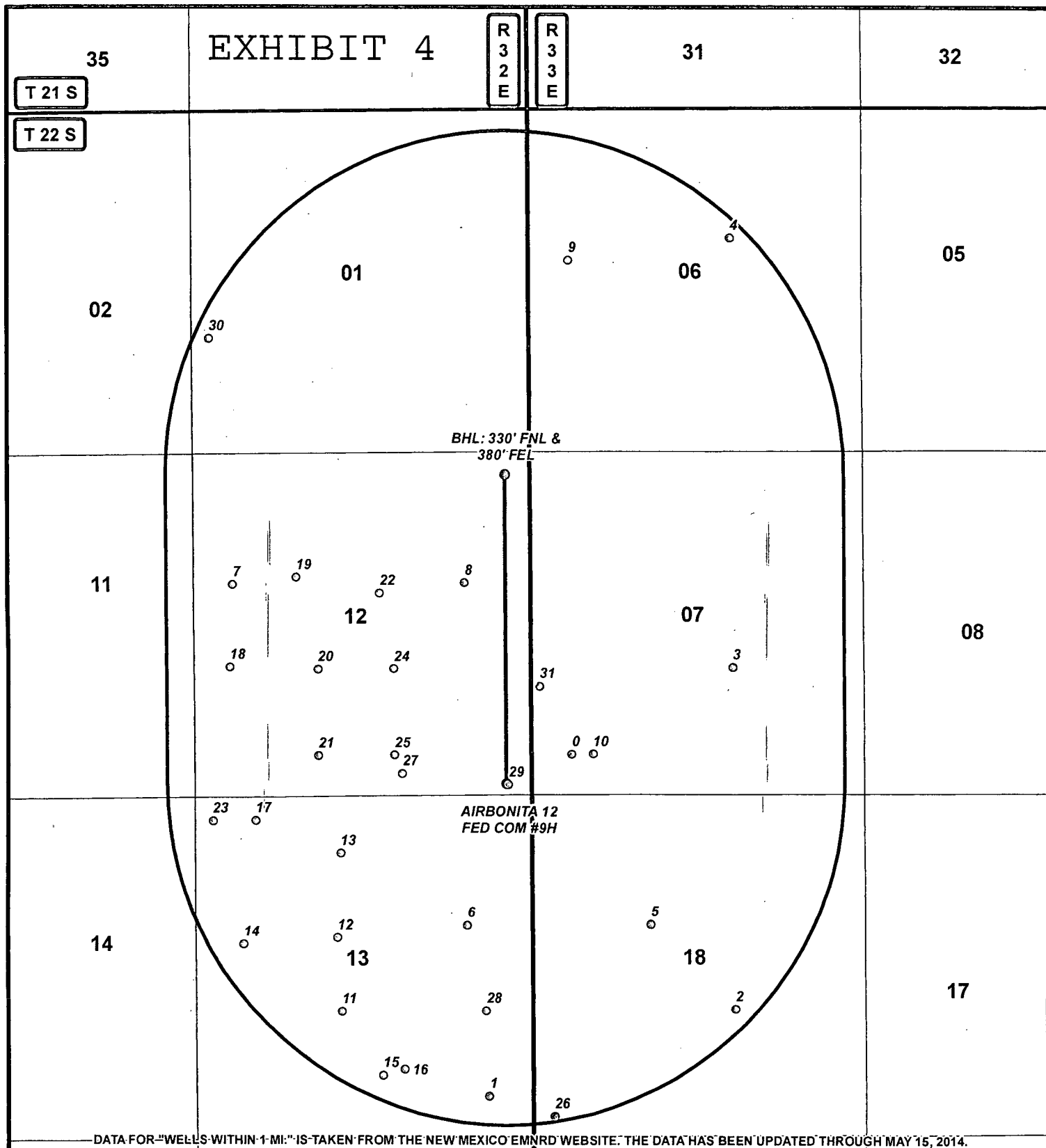
0 0.4 0.8 1.6 Miles

1 IN = 6,000 FT

ROAD MAP WORLD STREET 07/16/2014 S.E.

CONCHO
COG OPERATING, LLC

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LEGEND

- WELL
- BOTTOMHOLE
- WELLS WITHIN 1 MI.
- 1 MI. BUFFER

AIRBONITA 12 FED COM #9H

SEC: 12 TWP: 22 S. RGE: 32 E. ELEVATION: 3623.8'

STATE: NEW MEXICO COUNTY: LEA 190' FSL & 390' FEL

W.O. # 14-548 LEASE: AIRBONITA 12 FED COM SURVEY: N.M.P.M

0 2,500 5,000 FEET

0 0.125 0.25 0.5 Miles

1 IN = 2,000 FT

1-MILE MAP 07/10/2014



COG OPERATING, LLC



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AIRBONITA 12 FED COM #9H

FID	OPERATOR	WELL_NAME	LATITUDE	LONGITUDE	API	SECTION	TOWNSHIP	RANGE	FTG_NS	NS_CD	FTG_EW	EW_CD	PRODUCING_	TVD_DEPTH	COMPL_STAT
0	CABOT CORP	NEW MEXICO K STATE 001	32.400885	-103.617759	3002501796	7	22.05	33E	660 S		660 W		4999	Plugged	
1	RAY SMITH DRILLING CO	B & H FEDERAL 001	32.386362	-103.622033	3002508106	13	22.05	32E	660 S		660 E		5070	Plugged	
2	OXY USA INC	NBR 001	32.389999	-103.609583	3002526976	18	22.05	33E	1980 S		1980 E		15372	TA	
3	PENROC OIL CORP	STATE 7 SST 001	32.404502	-103.609614	3002527466	7	22.05	33E	1980 S		1980 E		15323	Plugged	
4	AMTEX ENERGY INC	DAGGER LAKE 6 STATE 002	32.422654	-103.609645	3002527573	6	22.05	33E	1980 N		1980 E		15250	Active	
5	OXY USA INC	NBR 002	32.393623	-103.613828	3002527780	18	22.05	33E	1980 N		1864 W		15300	Active	
6	OXY USA INC	WBR FEDERAL 001	32.393621	-103.623119	3002530137	13	22.05	32E	1980 N		990 E		15261	Active	
7	COG OPERATING LLC	PROHIBITION FEDERAL UNIT 001	32.408109	-103.634871	3002531137	12	22.05	32E	1980 N		660 W		15112	Active	
8	COG OPERATING LLC	PROHIBITION FEDERAL UNIT 003	32.40814	-103.623143	3002532142	12	22.05	32E	1980 N		990 E		13780	Active	
9	POGO PRODUCING CO	FLINT 6 STATE 001	32.421757	-103.617793	3002534175	6	22.05	33E	2310 N		660 W		5100	Plugged	
10	OXY USA INC	NBR 7 STATE 001	32.400883	-103.616685	3002534992	7	22.05	33E	660 S		990 W		15140	Active	
11	OXY USA INC	WBR FEDERAL 007	32.389965	-103.62947	3002535722	13	22.05	32E	1980 S		2310 W		10150	Active	
12	OXY USA INC	WBR FEDERAL 009	32.393107	-103.629671	3002536063	13	22.05	32E	2160 N		2250 W		10050	Active	
13	OXY USA INC	WBR FEDERAL 010	32.396736	-103.629482	3002536064	13	22.05	32E	840 N		2310 W		10050	Active	
14	OXY USA INC	WBR FEDERAL 012	32.39286	-103.634423	3002536415	13	22.05	32E	2245 N		790 W		10080	Active	
15	YATES PETROLEUM CORPORATION	MICRO BREW BEU FEDERAL 001	32.387251	-103.627405	3002536883	13	22.05	32E	990 S		2310 E		10200	Active	
16	OXY USA INC	WBR FEDERAL 004	32.387502	-103.626331	3002537007	13	22.05	32E	1080 S		1980 E		0		
17	OXY USA INC	WBR FEDERAL 011D	32.398126	-103.633781	3002537009	13	22.05	32E	330 N		990 W		0		
18	COG OPERATING LLC	PROHIBITION 12 FEDERAL 008	32.404609	-103.635028	3002537227	12	22.05	32E	2030 S		610 W		6925	8998	Active
19	COG OPERATING LLC	PROHIBITION 12 FEDERAL 007	32.408392	-103.631648	3002537228	12	22.05	32E	1880 N		1650 W		6925	8960	Active
20	COG OPERATING LLC	PROHIBITION 12 FEDERAL 010	32.404485	-103.630567	3002537819	12	22.05	32E	1980 S		1980 W		51683	8990	Active
21	COG OPERATING LLC	PROHIBITION 12 FEDERAL 012	32.400856	-103.630562	3002537821	12	22.05	32E	660 S		1980 W		6925	8990	Active
22	COG OPERATING LLC	PROHIBITION 12 FEDERAL 013	32.407716	-103.62744	3002537822	12	22.05	32E	2130 N		2310 E		0		
23	OXY USA INC	WBR FEDERAL 011	32.398119	-103.635929	3002537929	13	22.05	32E	330 N		330 W		51689	10050	Active
24	COG OPERATING LLC	PROHIBITION 12 FEDERAL 014	32.404496	-103.626751	3002538238	12	22.05	32E	1980 S		2100 E		0		
25	COG OPERATING LLC	PROHIBITION 12 FEDERAL 015	32.400868	-103.626745	3002538239	12	22.05	32E	660 S		2100 E		0		
26	OXY USA INC	NBR 003H	32.385489	-103.618743	3002540720	18	22.05	33E	340 S		350 W		14229	New (Not drilled or compl)	
27	COG OPERATING LLC	AIRBONITA 12 FEDERAL COM 002	32.400085	-103.626353	3002540179	12	22.05	32E	375 S		1980 E		14110	New (Not drilled or compl)	
28	OXY USA INC	WBR 13 SWD 001	32.389974	-103.622159	3002541380	13	22.05	32E	1974 S		697 E		0	New (Not drilled or compl)	
29	COG OPERATING LLC	AIRBONITA 12 FEDERAL COM 001H	32.399593	-103.62098	3002541491	12	22.05	32E	190 S		330 E		11937	New (Not drilled or compl)	
30	OXY USA INC	SPEAK EASY UNIT 002H	32.418496	-103.635961	3002540306	1	22.05	32E	1800 S		330 W		12735	New (Not drilled or compl)	
31	OXY USA INC	RIDGE RUNNER 7 STATE 001H	32.403746	-103.619375	3002541646	7	22.05	33E	1700 S		165 W		0	New (Not drilled or compl)	